

FIG. 1

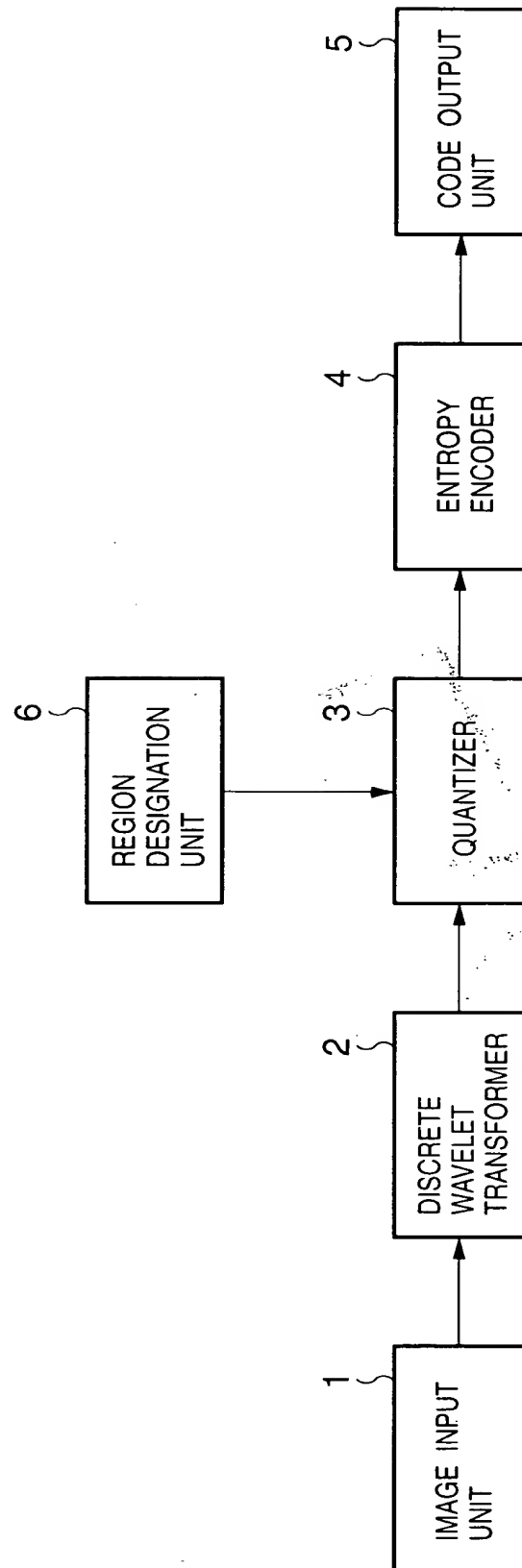


FIG. 2

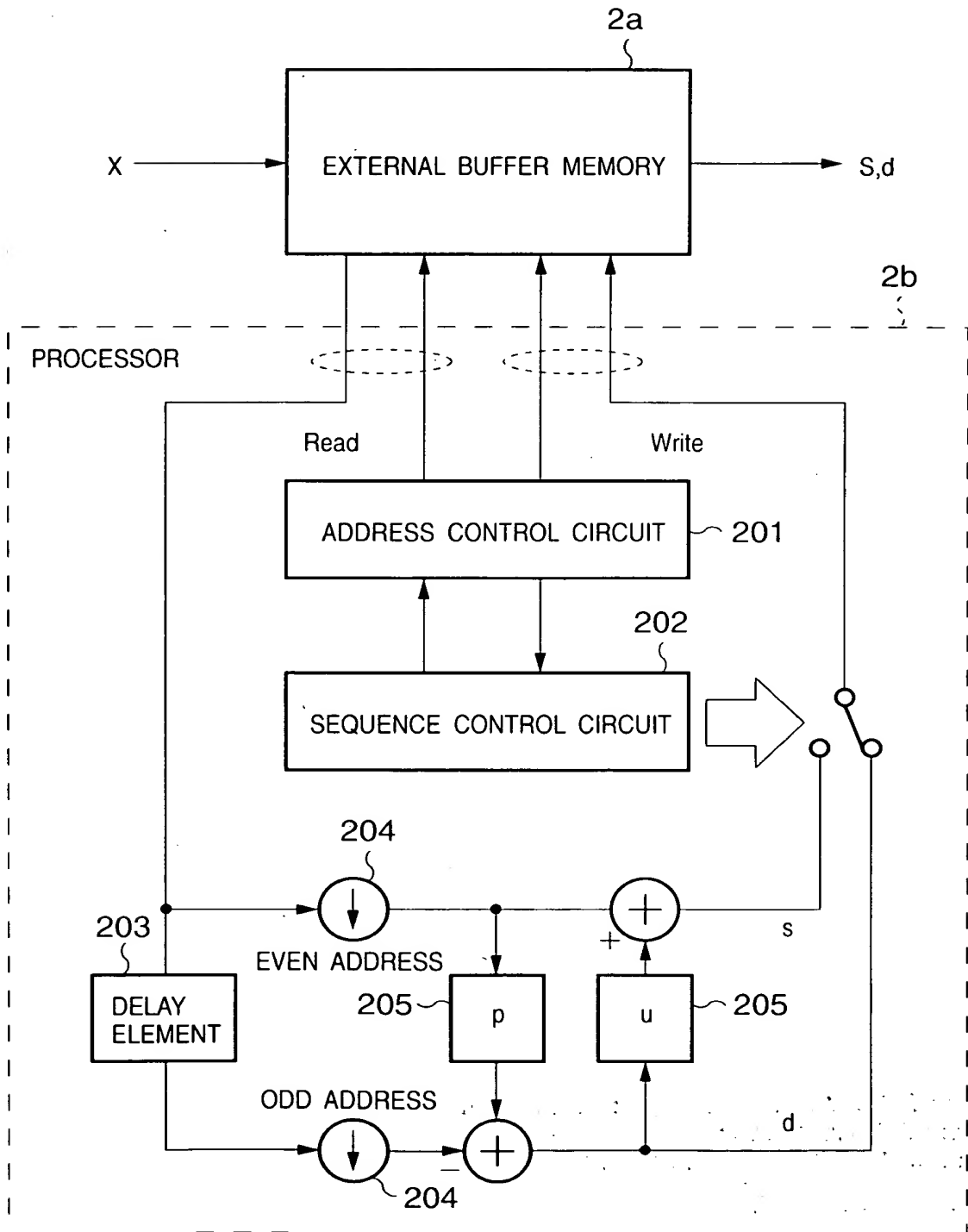


FIG. 3

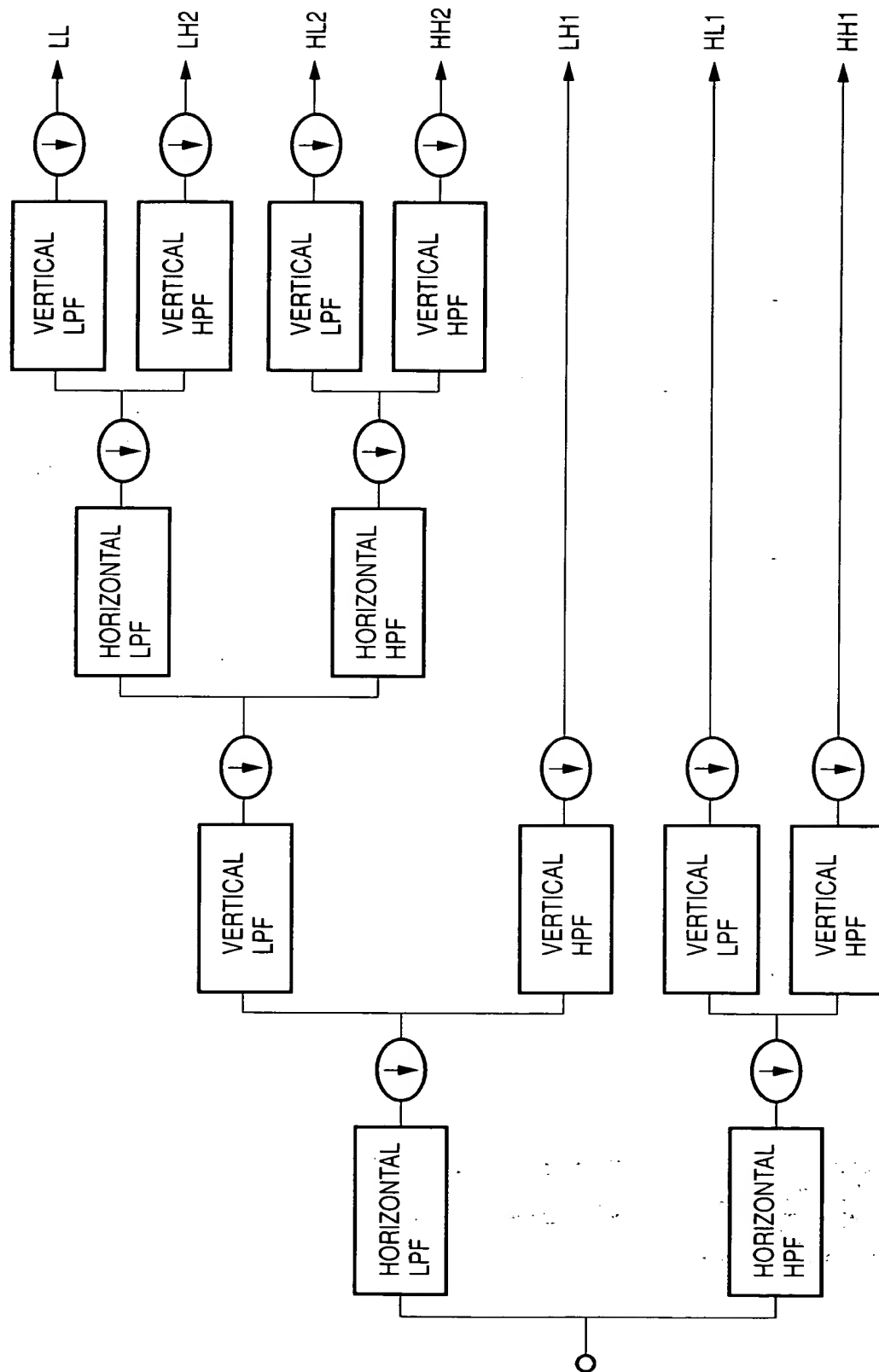
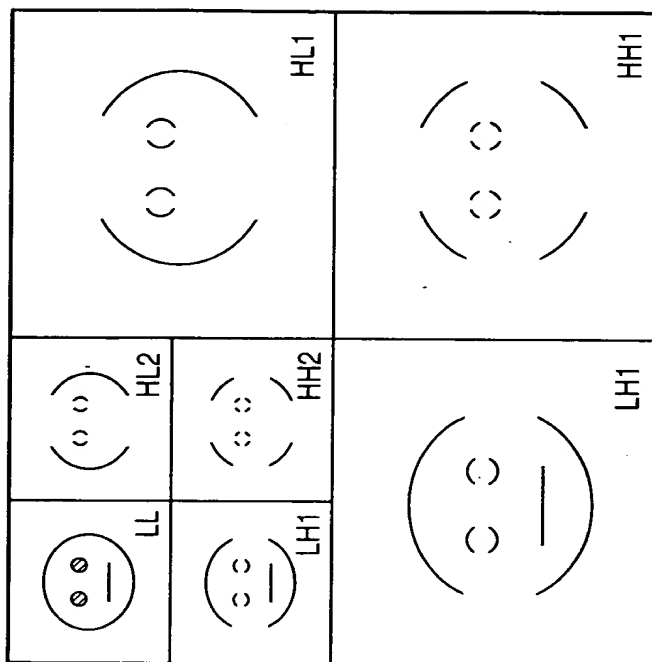
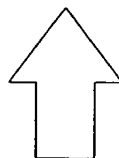
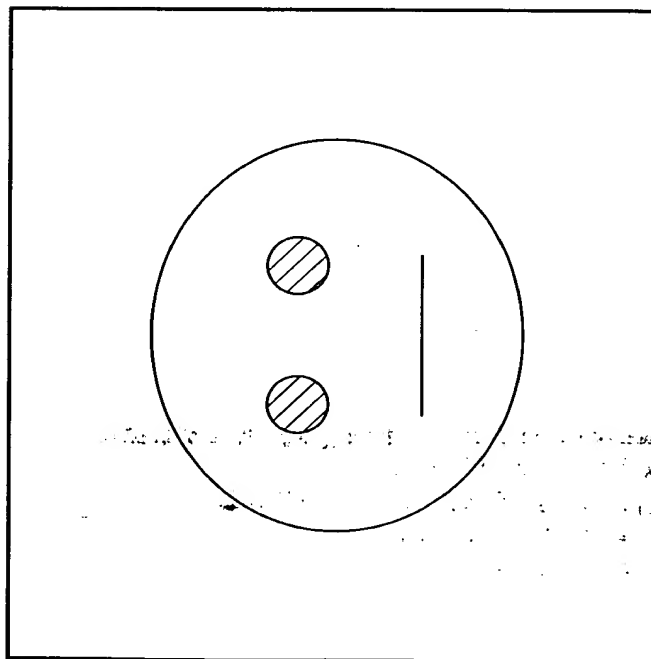
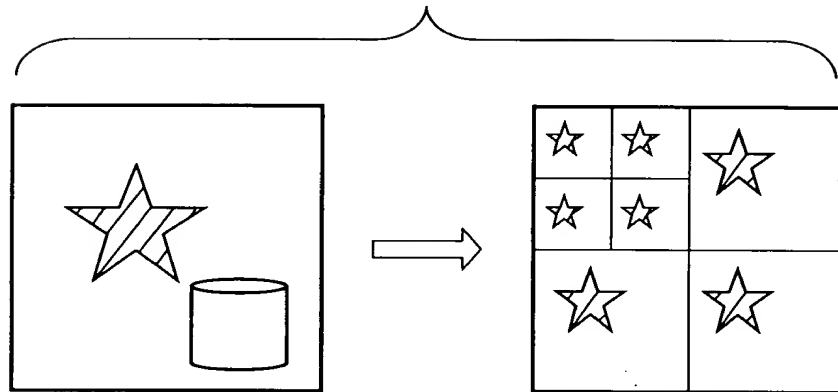


FIG. 4

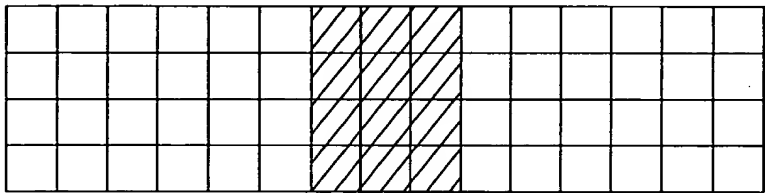


**FIG. 5**

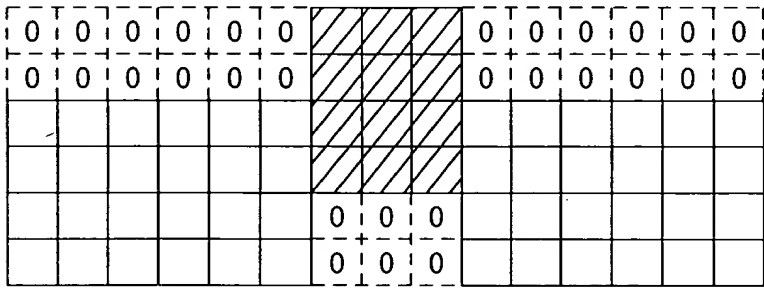


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FIG. 6



HIGH IMAGE  
QUALITY  
REGION



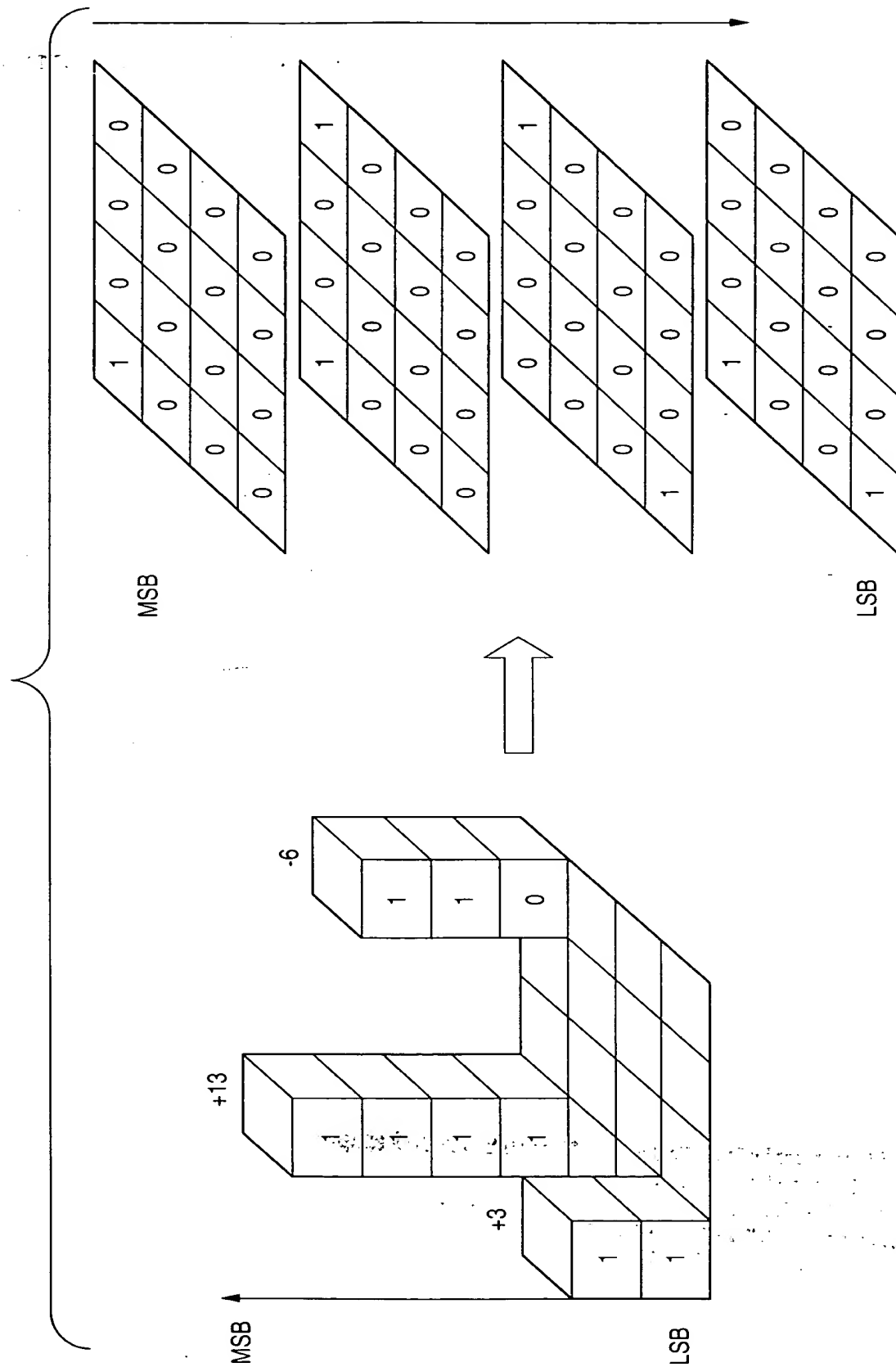
B BITS

NON-HIGH  
IMAGE QUALITY  
REGION

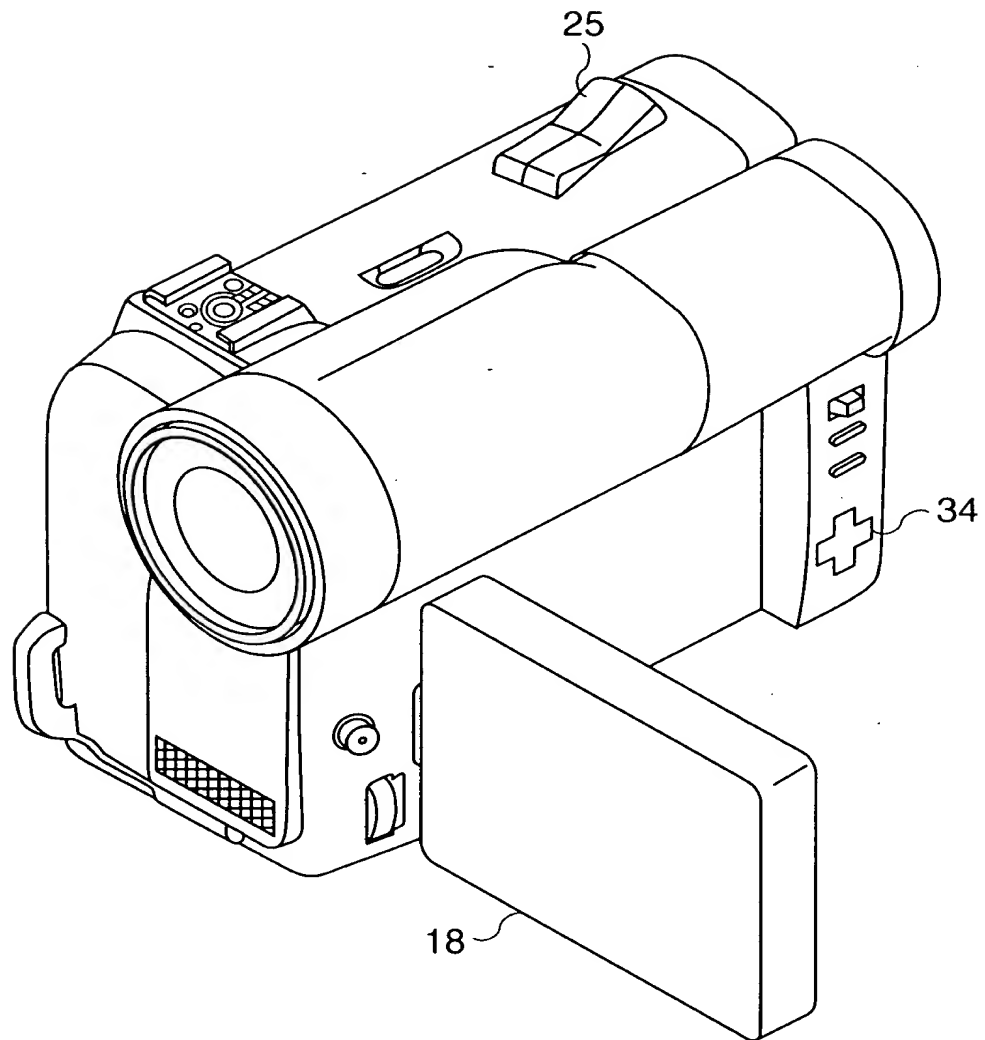
HIGH IMAGE  
QUALITY  
REGION

NON-HIGH  
IMAGE QUALITY  
REGION

FIG. 7



**FIG. 8**



09781555-021304  
FIG. 8



The diagram illustrates a video camera system with the following components and connections:

- Input/Control Section (Left):** Includes a **11 ZOOM** lever, a **12 FOCUS** lever, and a **34 REGION DESIGNATION LEVER** (represented by a cross symbol).
- Optical Section (Bottom):** Features a lens assembly with elements **T** and **W**.
- Image Sensor & Conversion (13-14):** The **13 CCD** sensor captures the image, which is then converted by the **14 A/D CONVERTER**.
- Processing & Storage (15-16):** The **15 CAMERA SIGNAL PROCESSING CIRCUIT** processes the data, which is then stored in the **16 BUFFER MEMORY**.
- Control & Output (17-18):** The **17 SYSTEM CONTROLLER** manages the system, sending signals to the **18 MONITOR** via a **D/A CONVERTER**.
- Motor & Encoder Section (19-21):** The **19a FOCUS MOTOR** and **19b FOCUS MOTOR DRIVER** control the focus. The **20a ZOOM MOTOR** and **20b ZOOM MOTOR DRIVER** control the zoom. The **21 ZOOM ENCODER** provides feedback to the system controller.
- Additional Components (22-39):** Includes a **22 DISPLAY CONTROL CIRCUIT**, a **23 COMPRESSION CIRCUIT**, a **24 RECORDING CIRCUIT**, a **32 CAM TABLE**, and a **38 REGION DESIGNATION LEVER DETECTION CIRCUIT**.

FIG. 10

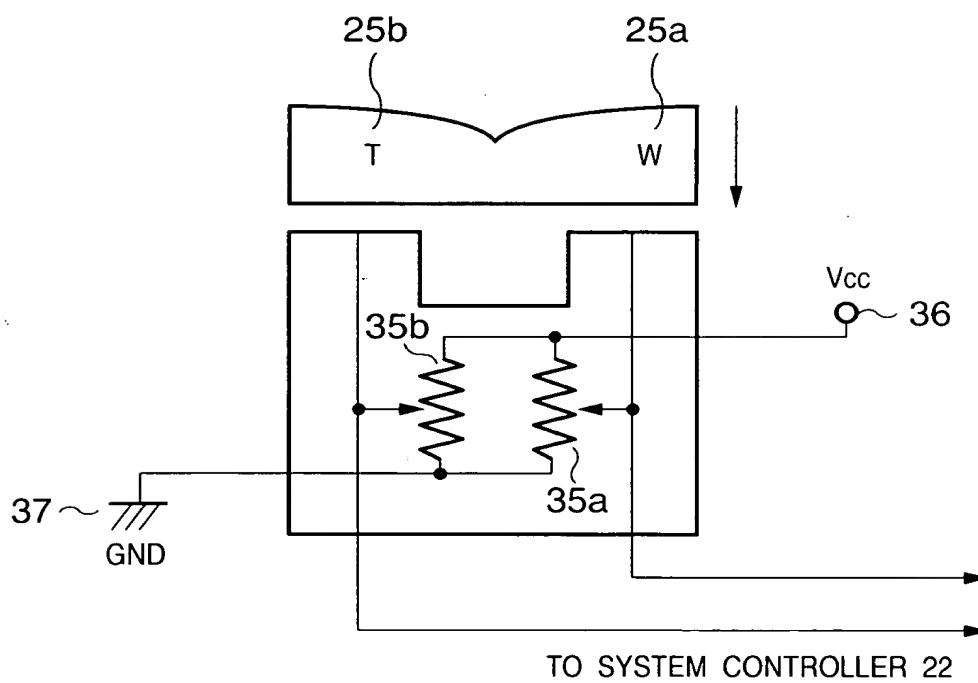
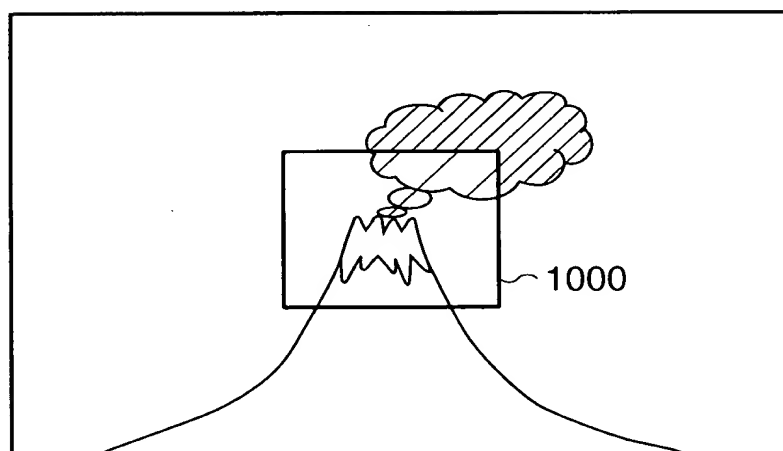
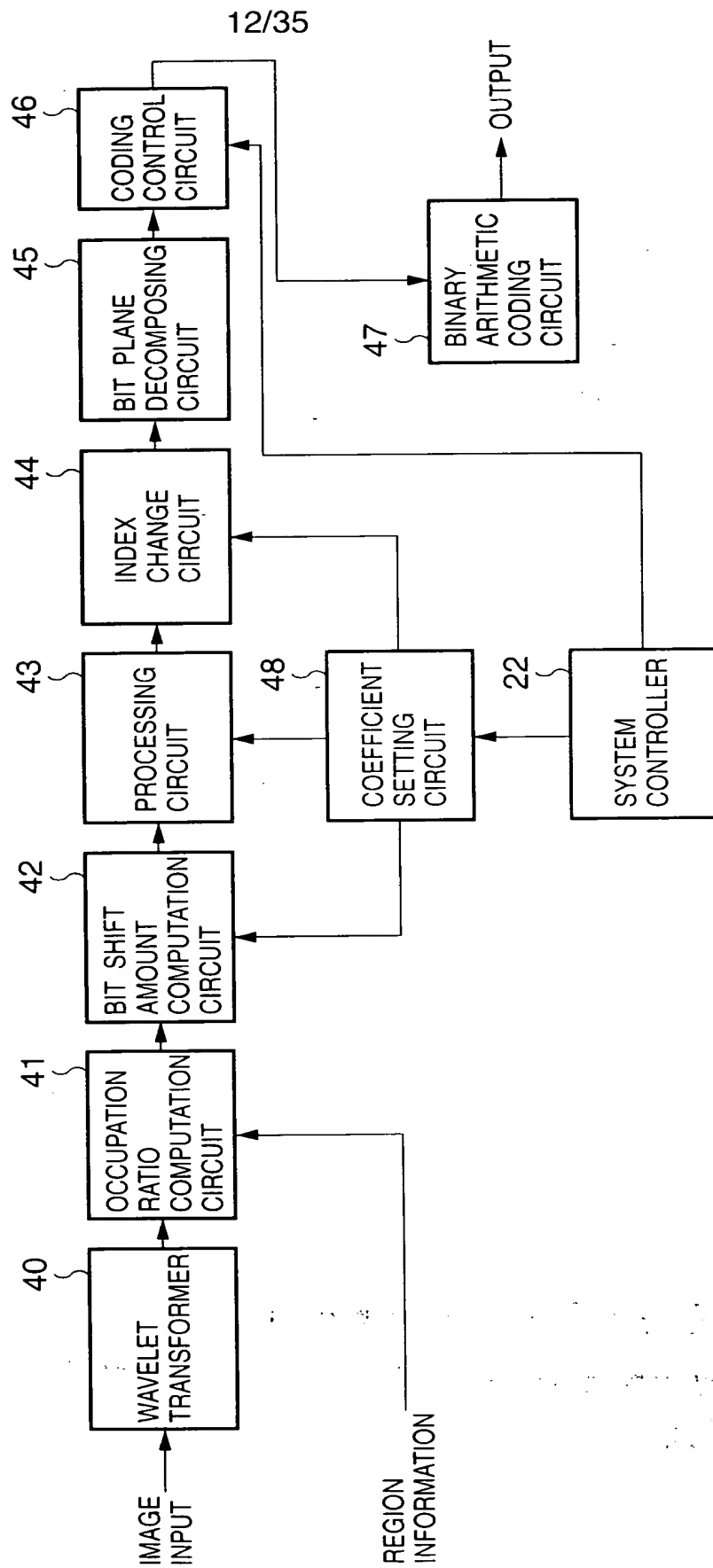


FIG. 11

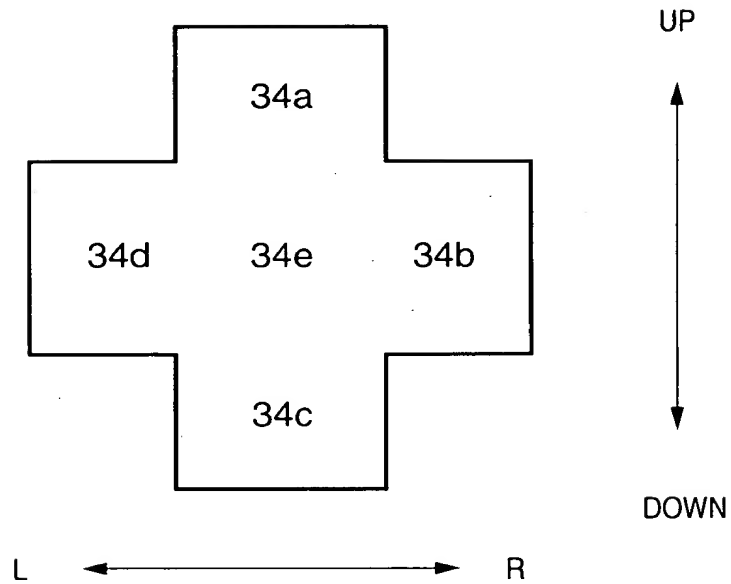


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FIG. 12



**FIG. 13**



098425.024  
402720.5278260

FIG. 14

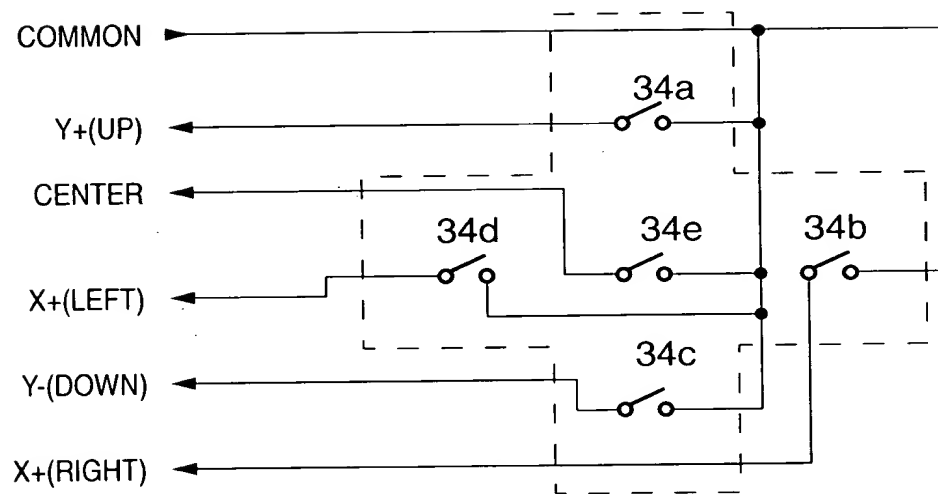


FIG. 15A

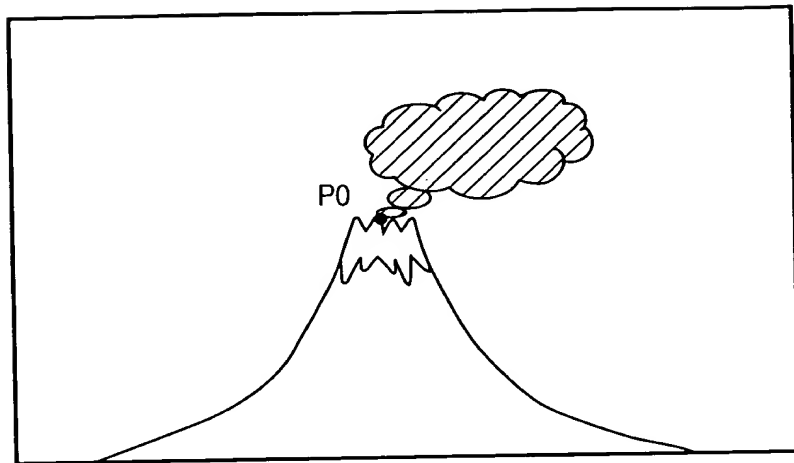


FIG. 15B

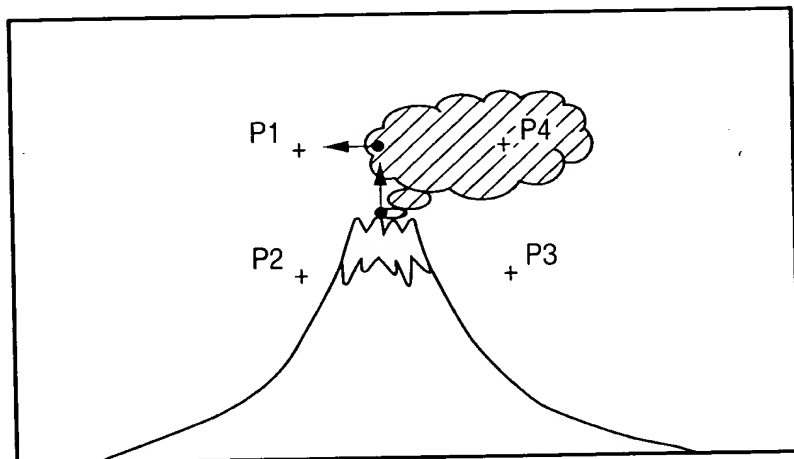


FIG. 15C

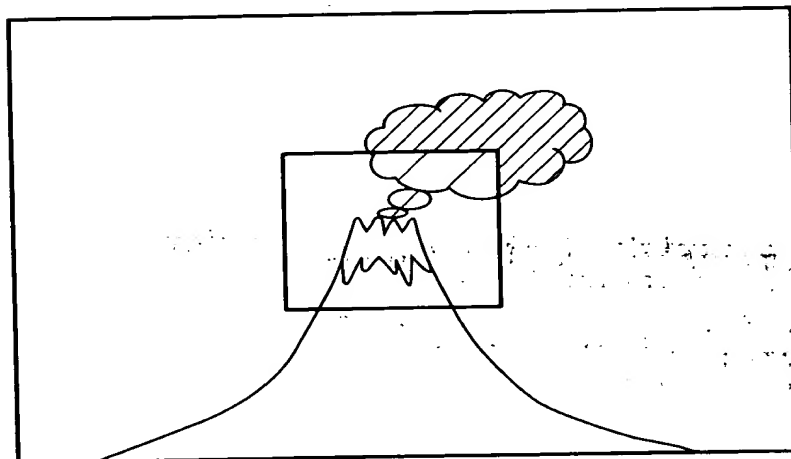


FIG. 15A

FIG. 16A

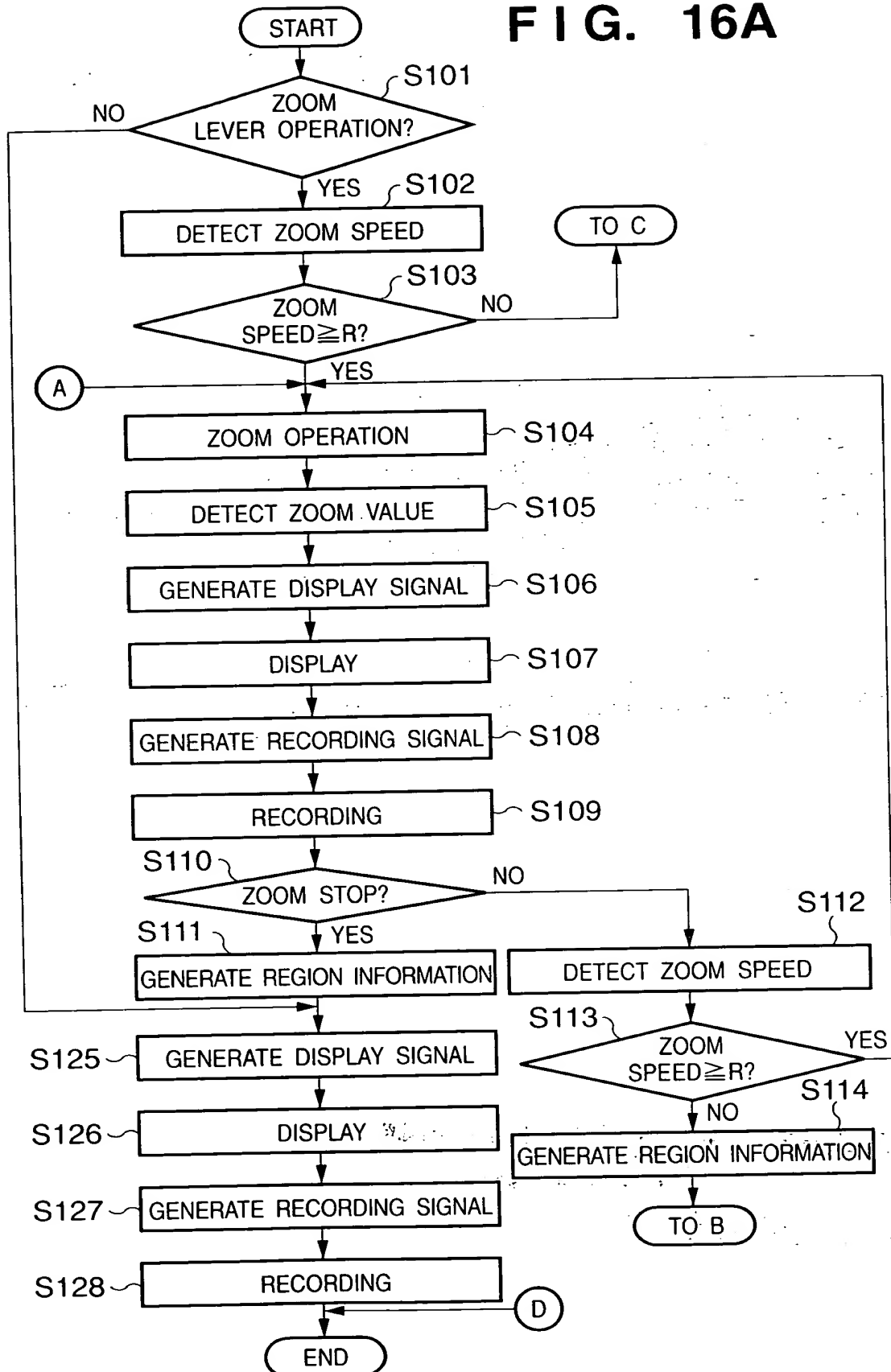




FIG. 16B

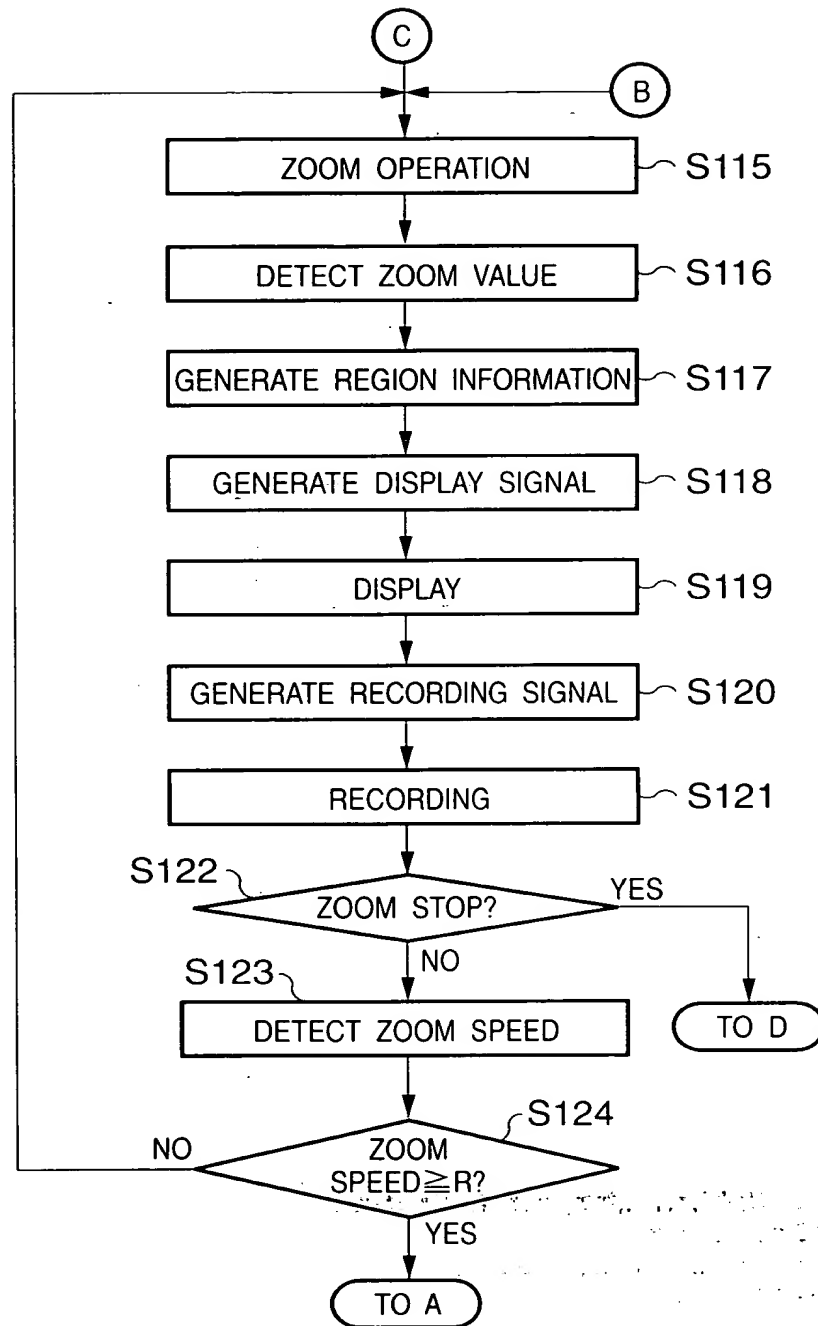


FIG. 17A

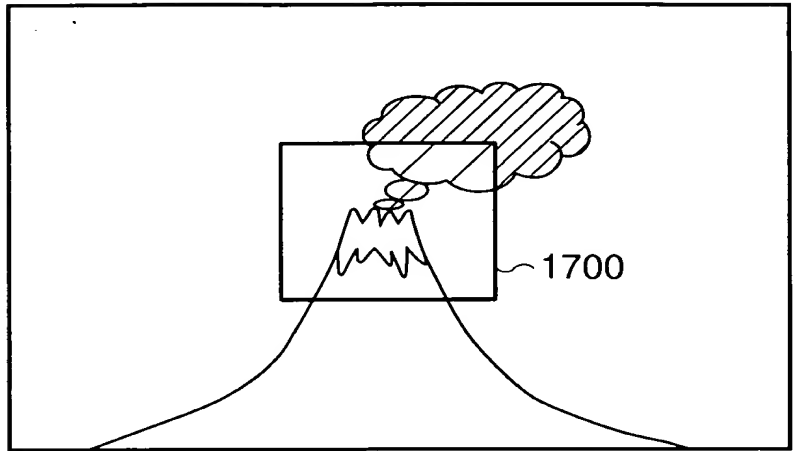


FIG. 17B

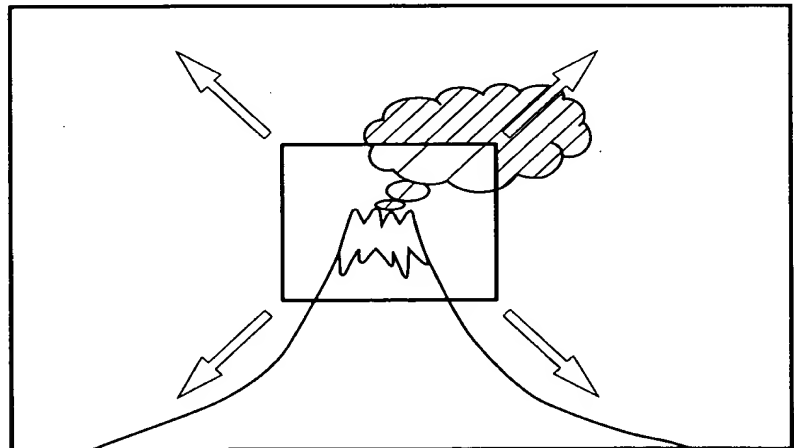
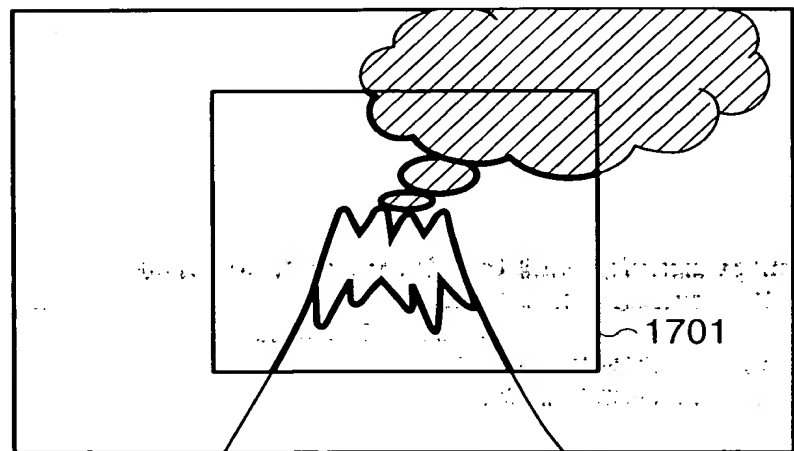
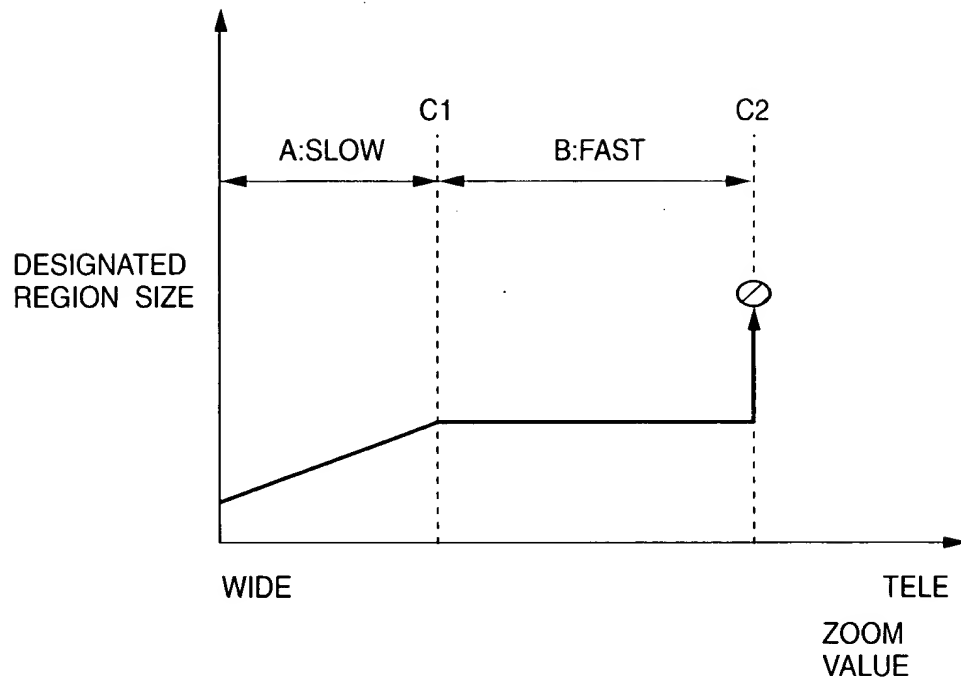


FIG. 17C



09784255-024304

FIG. 18



09784255-024304

FIG. 19A

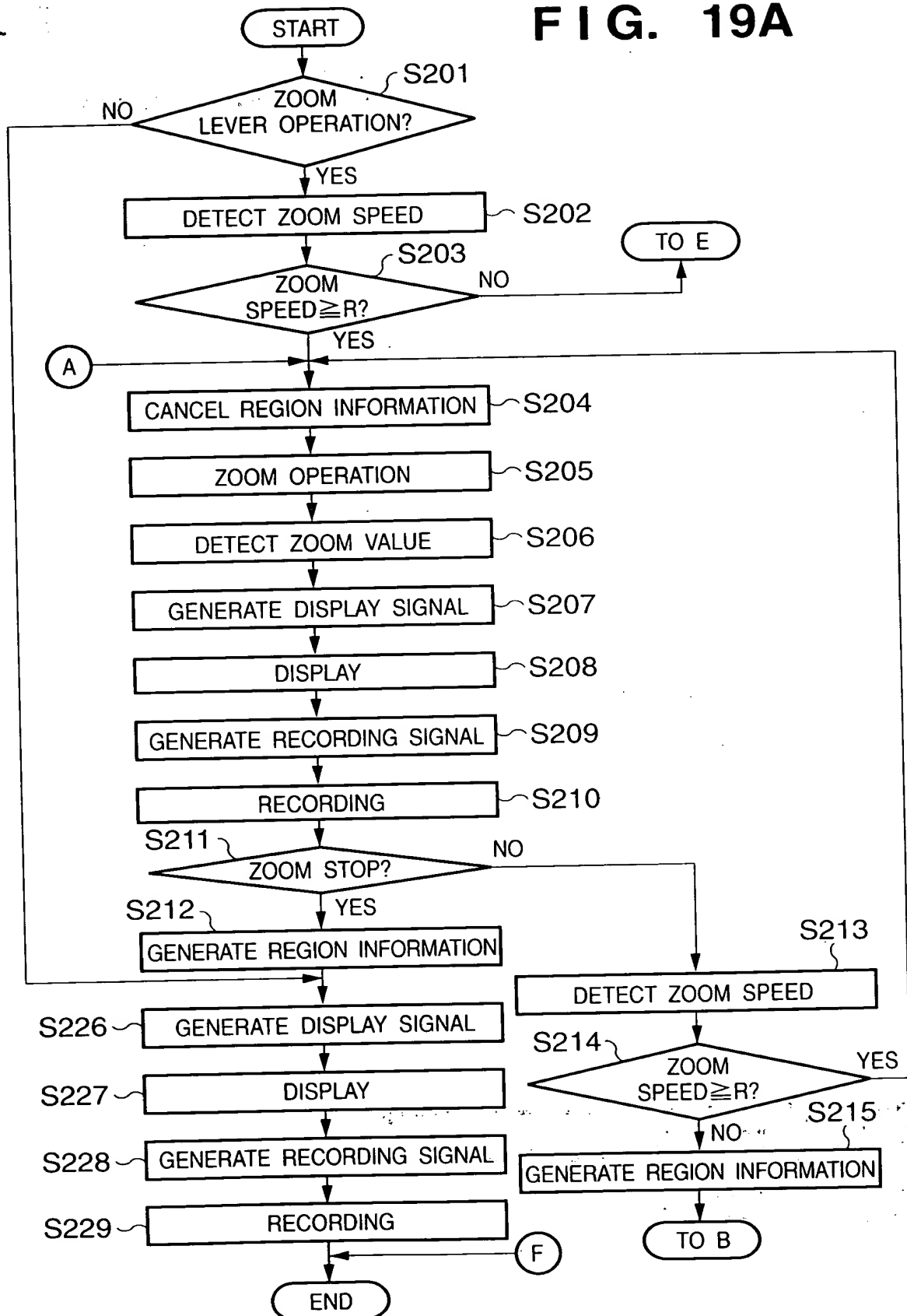
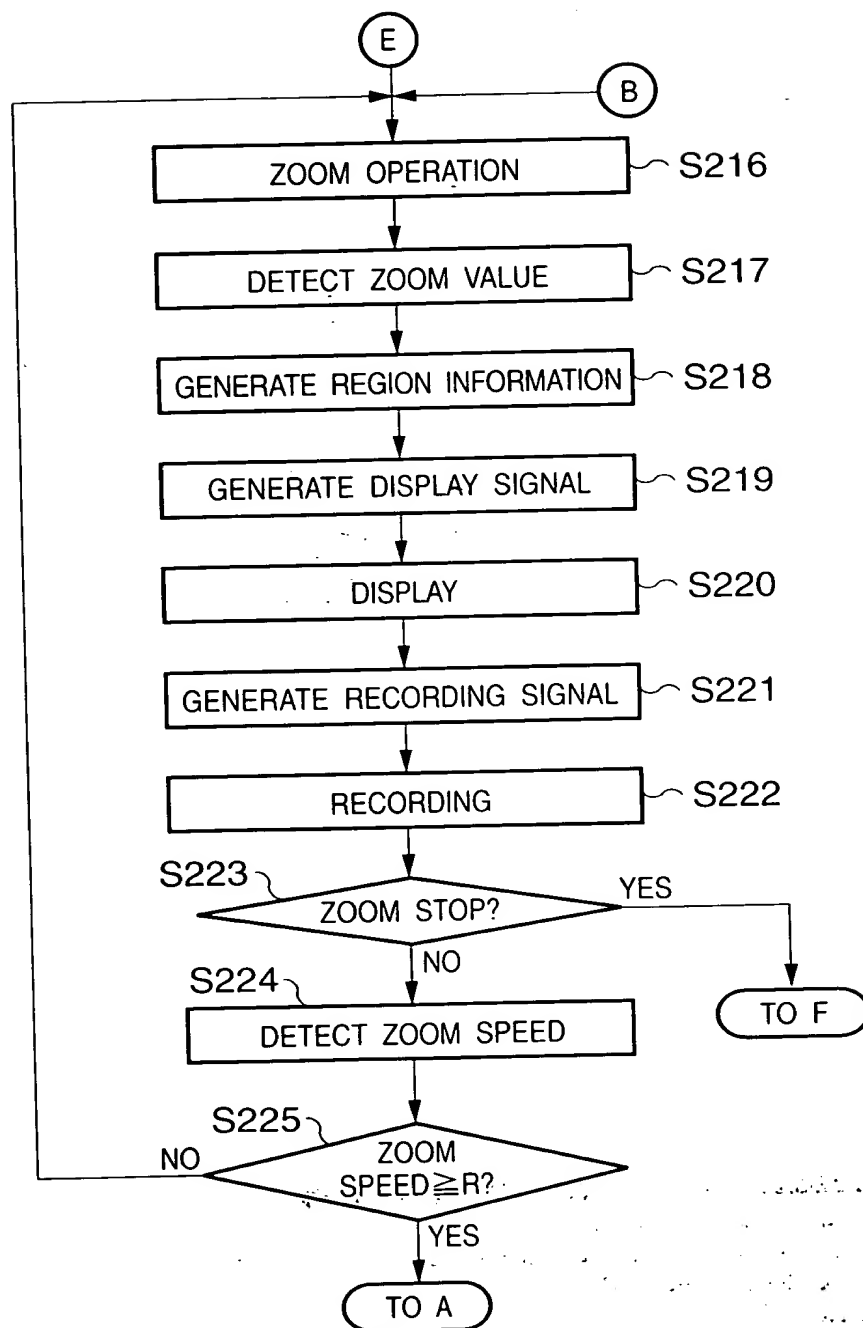
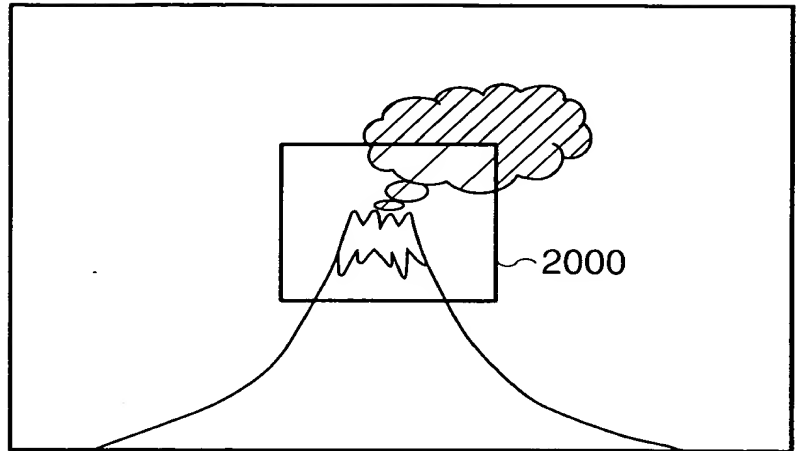


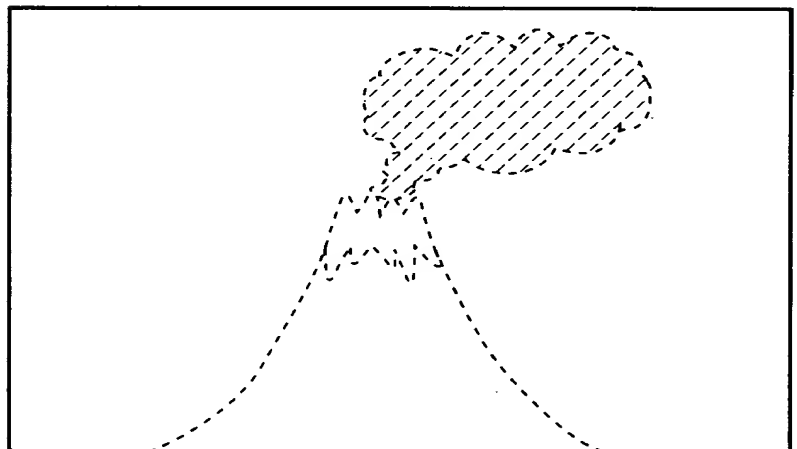
FIG. 19B



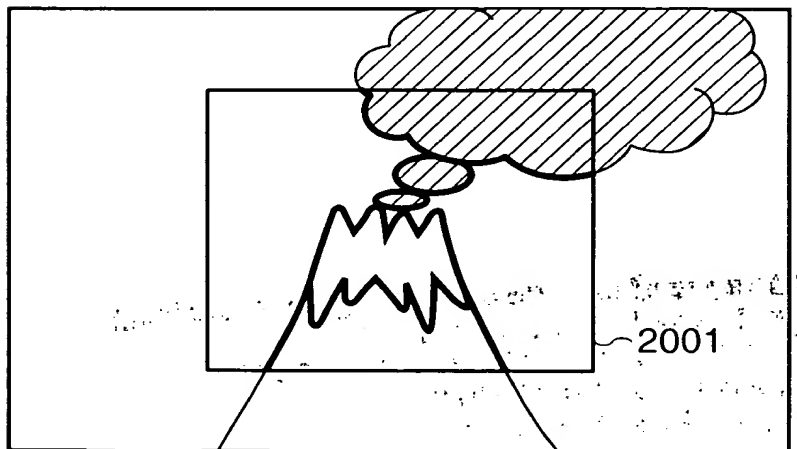
**FIG. 20A**



**FIG. 20B**



**FIG. 20C**



0978455.04304  
FIG. 20.55278760

FIG. 21

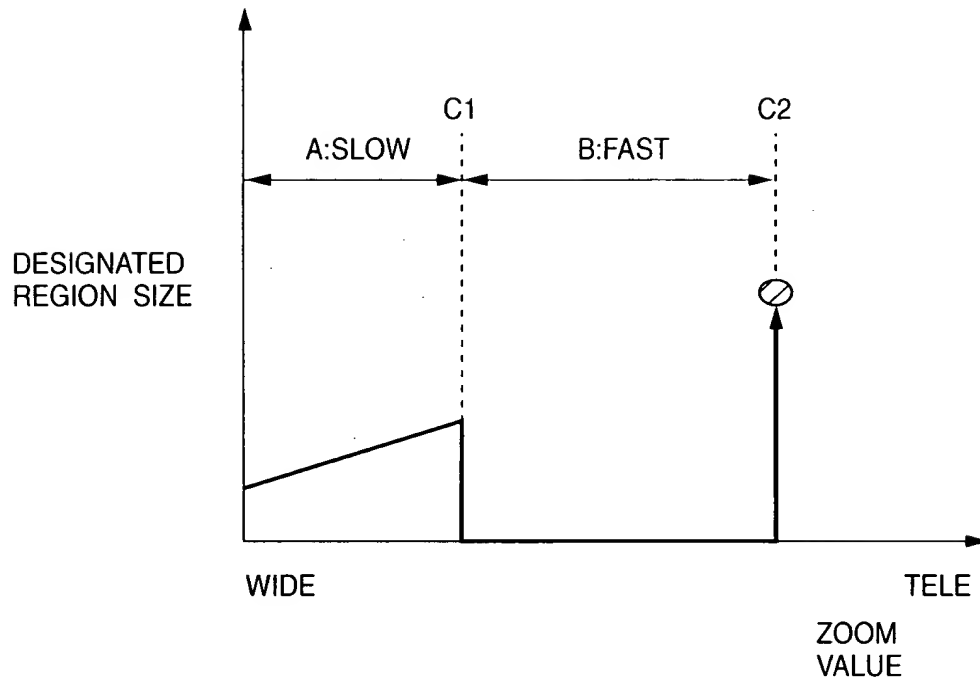
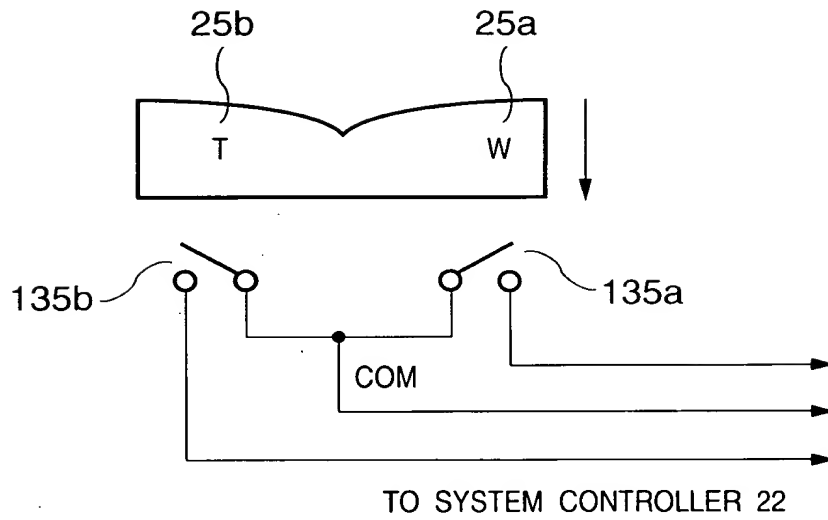


FIG. 22

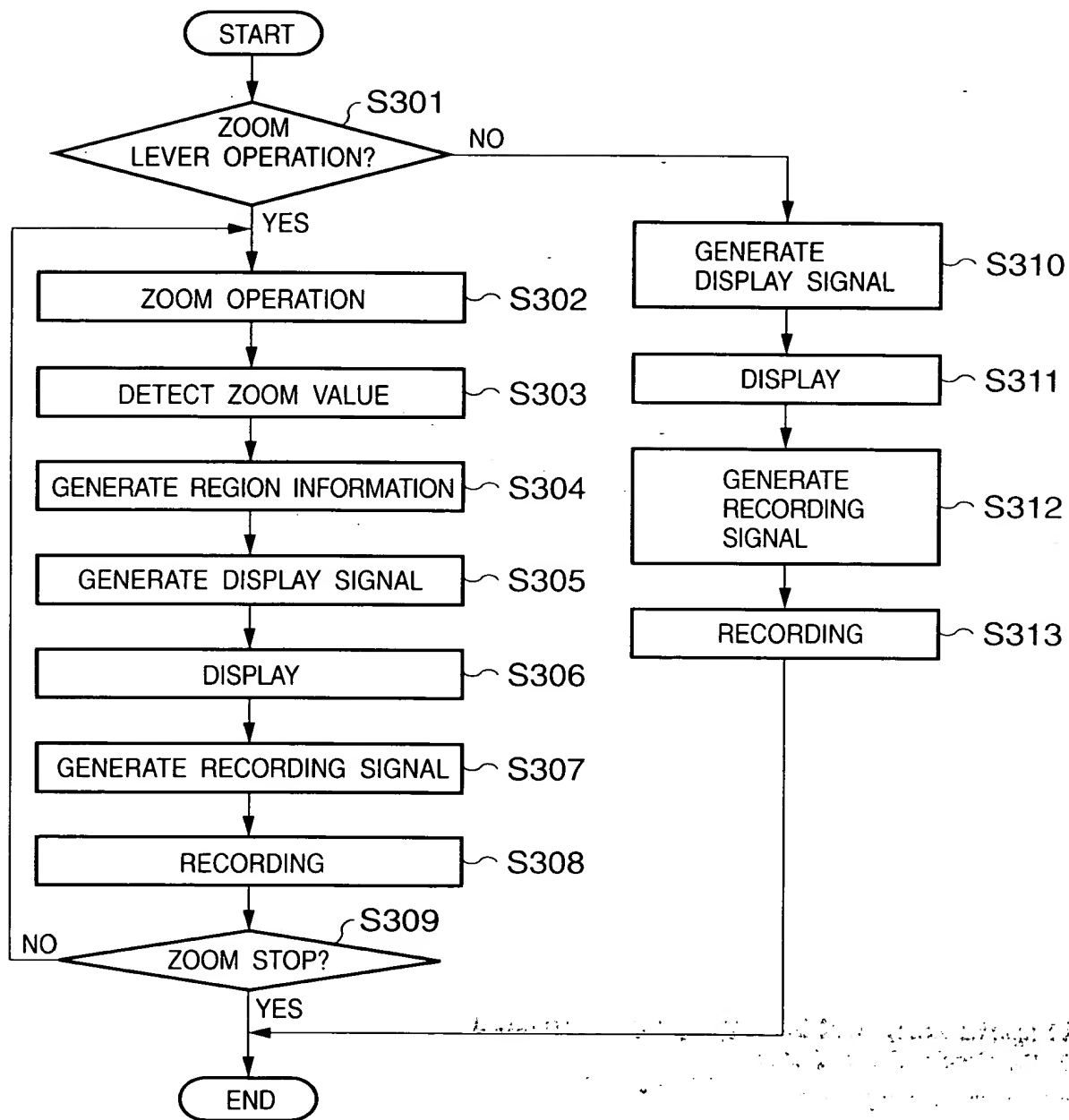


09784295.024204

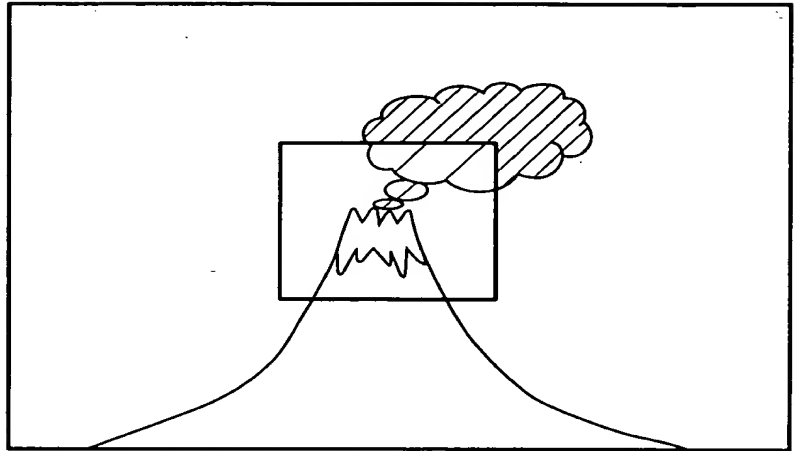
FIG. 22 is a schematic diagram of a sensor assembly and its electrical connection to a system controller. The sensor assembly 25 includes a first sensor element 25b and a second sensor element 25a. The first sensor element 25b is connected to a first switch 135b, and the second sensor element 25a is connected to a second switch 135a. The first switch 135b is connected to a common terminal COM, and the second switch 135a is connected to the common terminal COM. The common terminal COM is connected to a system controller 22.



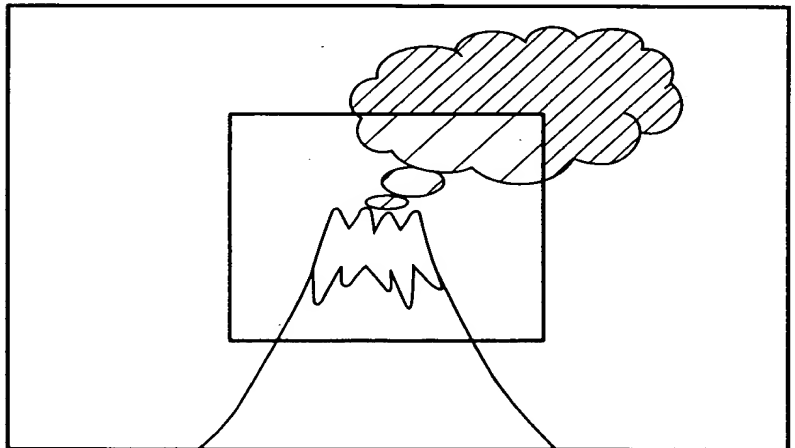
FIG. 23



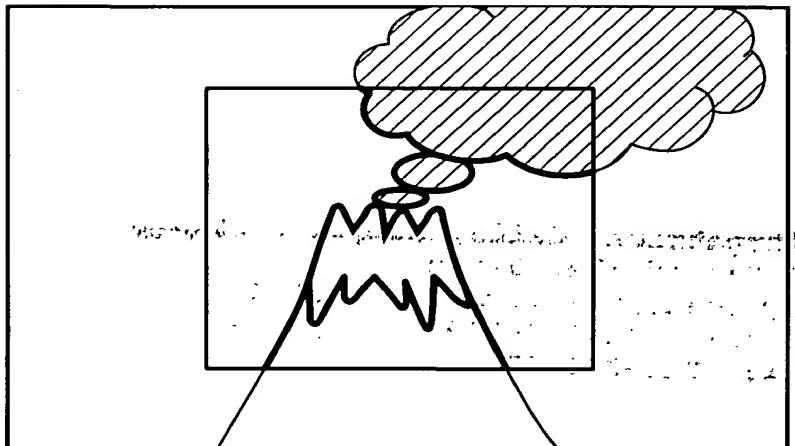
**FIG. 24A**



**FIG. 24B**

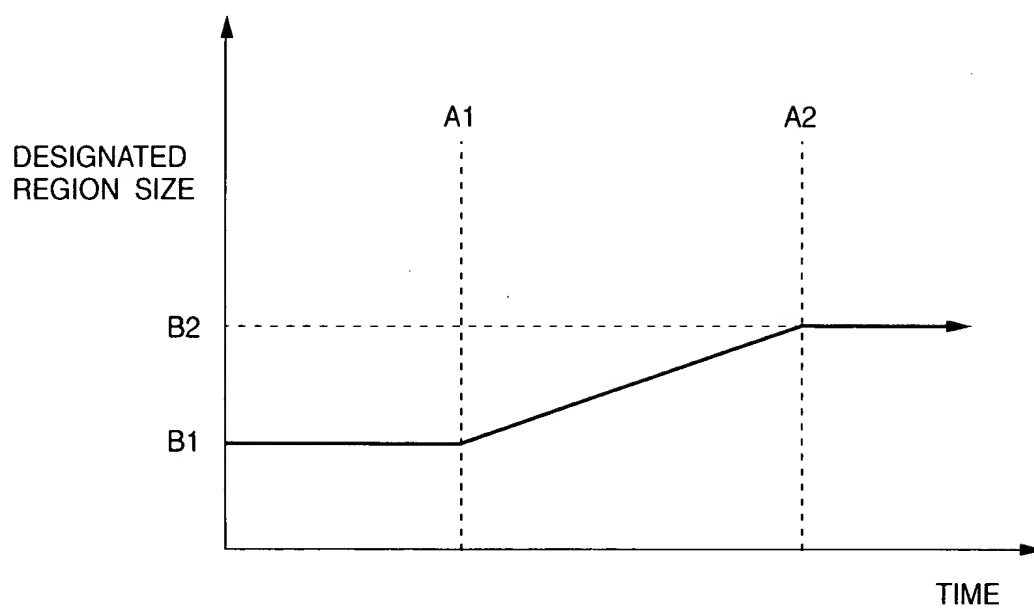


**FIG. 24C**



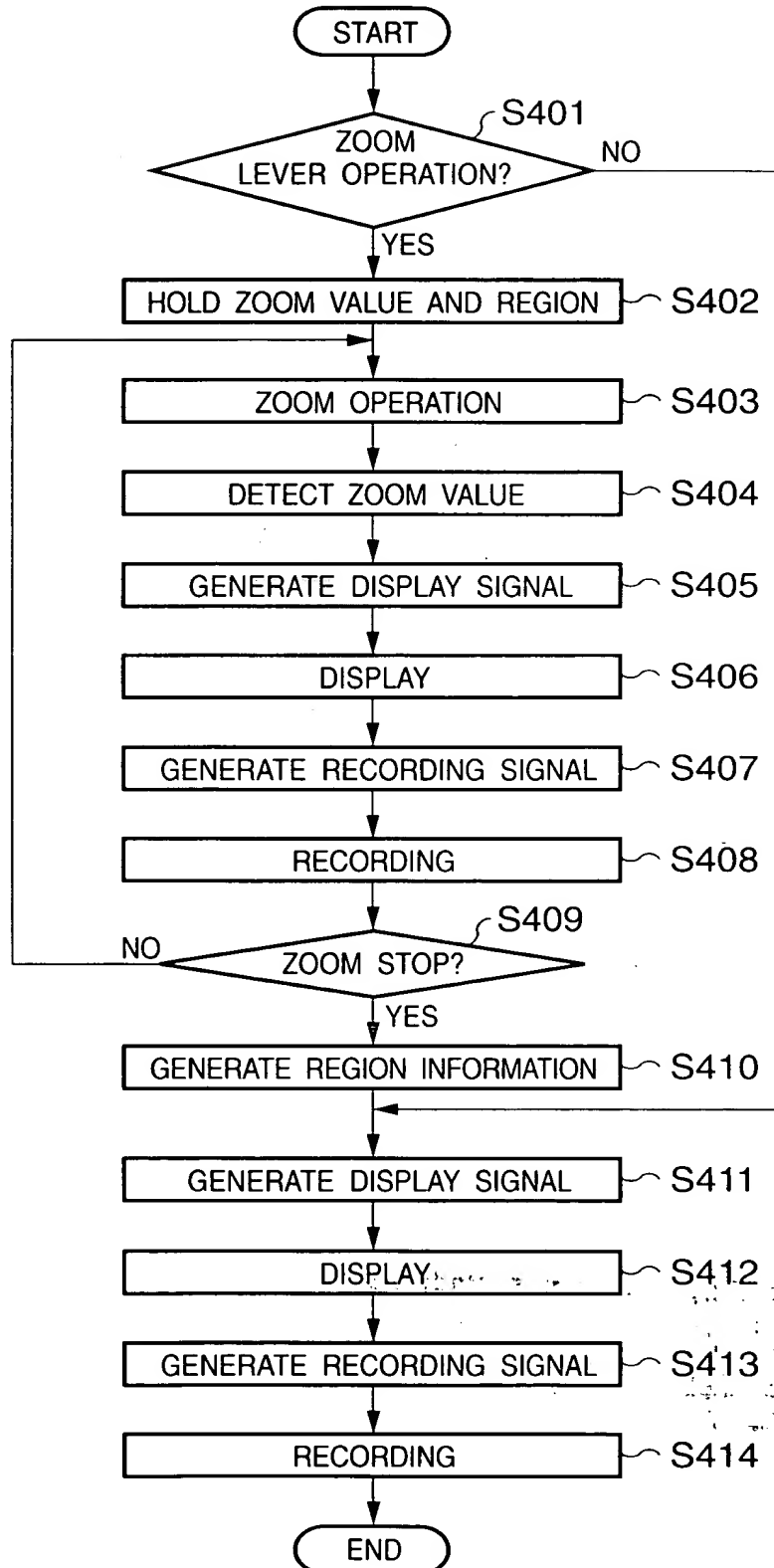
0078455-02304  
FIG. 20-5528450

FIG. 25

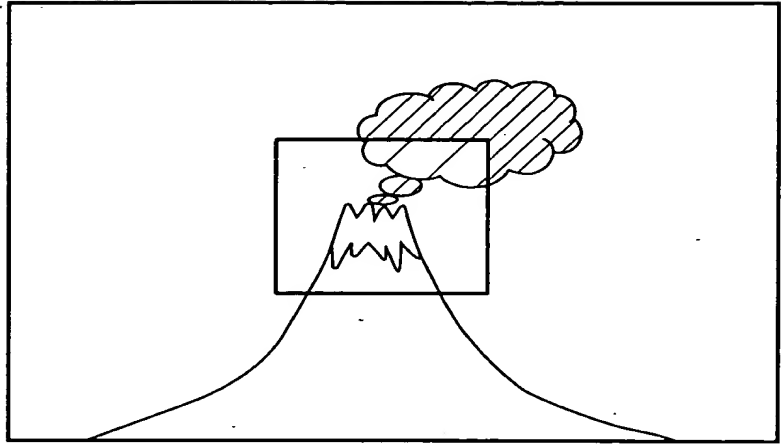


09761255-1021304

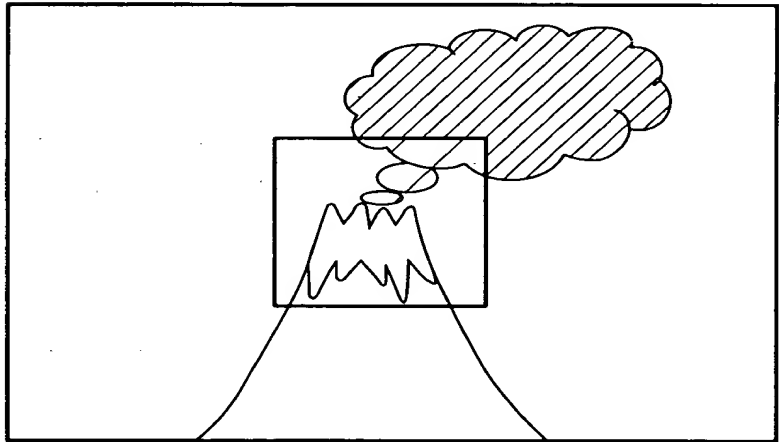
## FIG. 26

09784655-024304  
105720-99278260

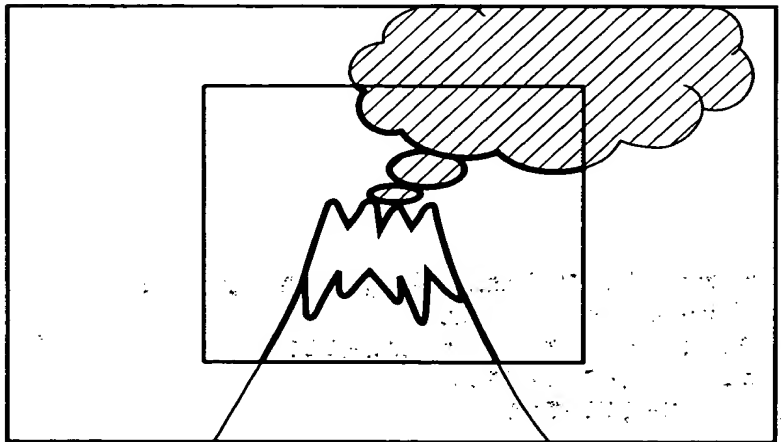
**FIG. 27A**



**FIG. 27B**

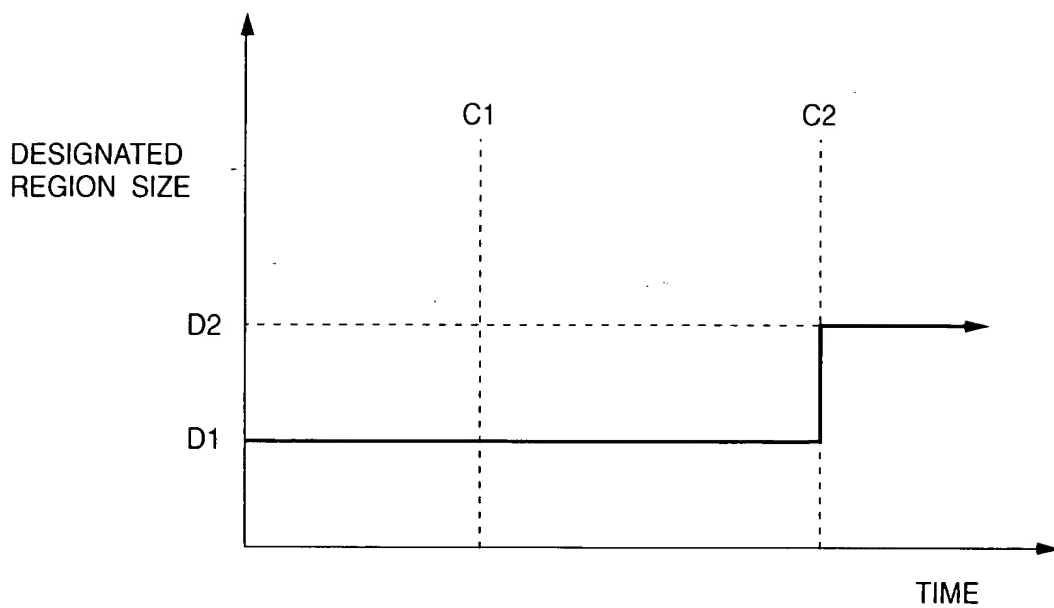


**FIG. 27C**



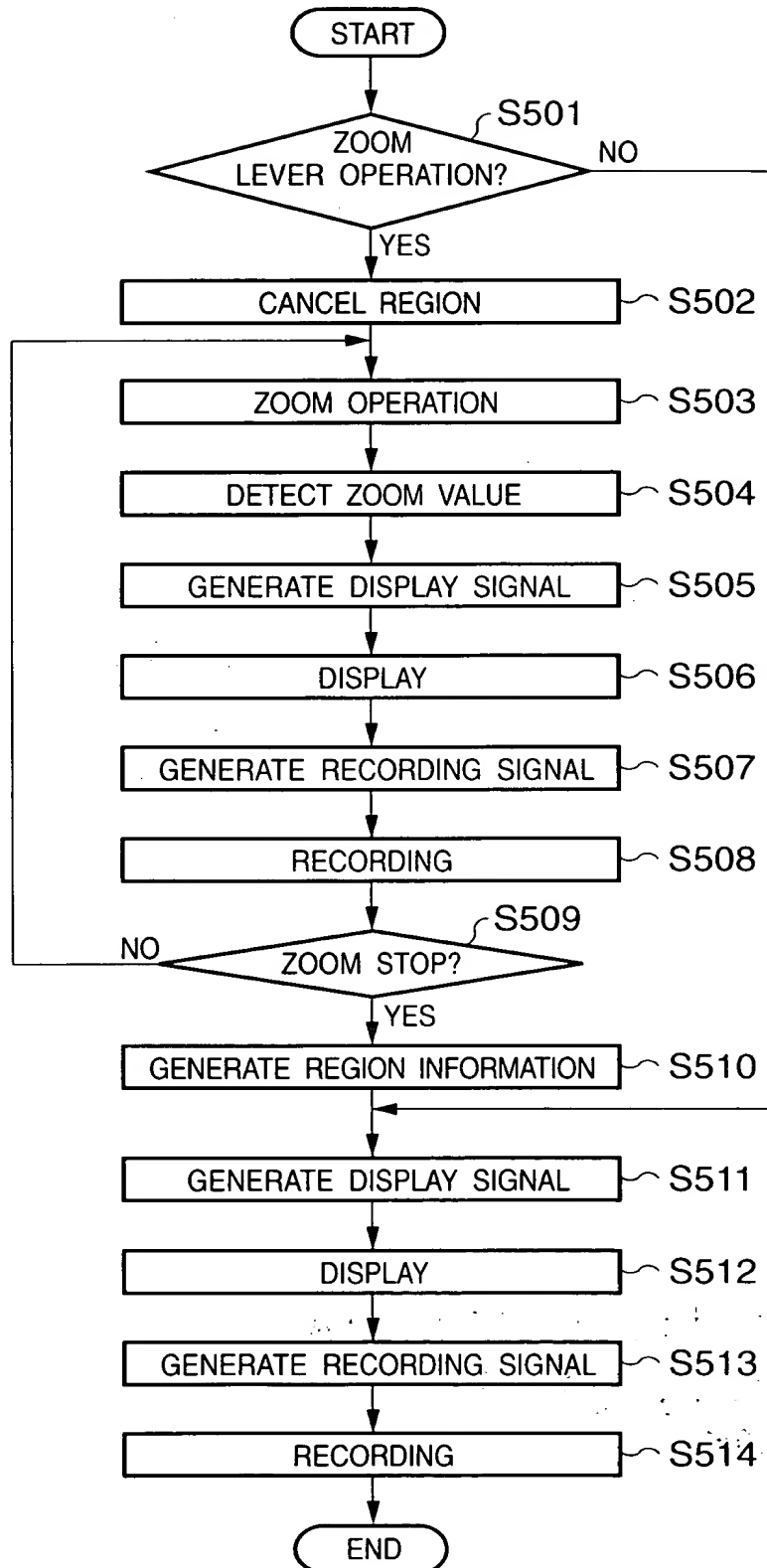
0978425-021304

FIG. 28

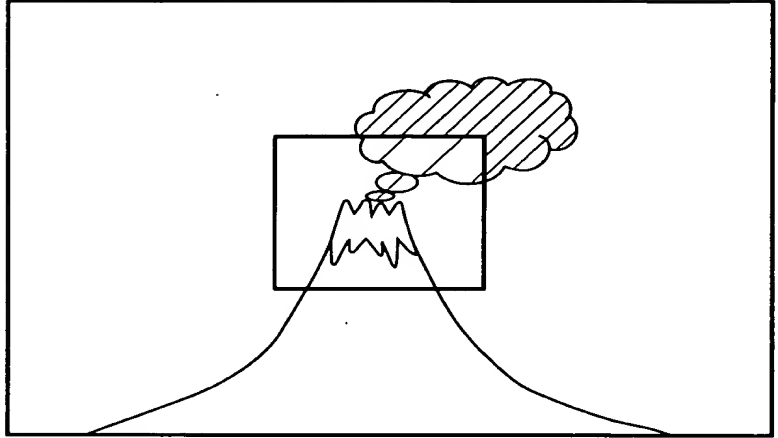


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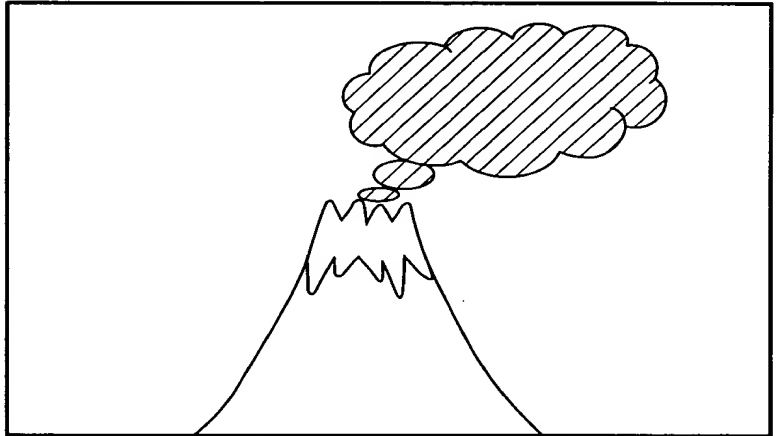
## FIG. 29



**FIG. 30A**



**FIG. 30B**



**FIG. 30C**





FIG. 31

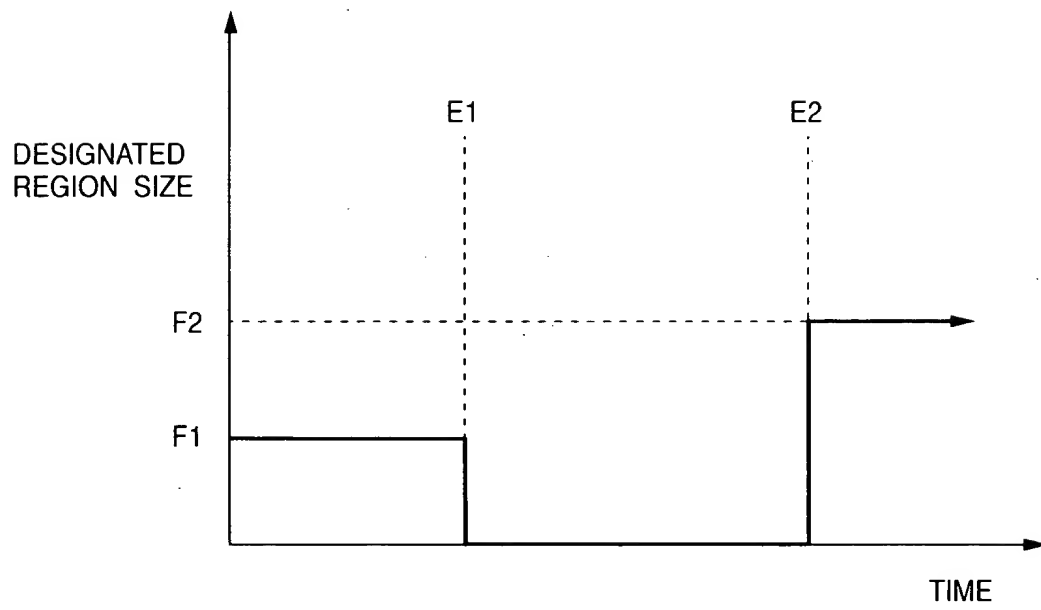


FIG. 32

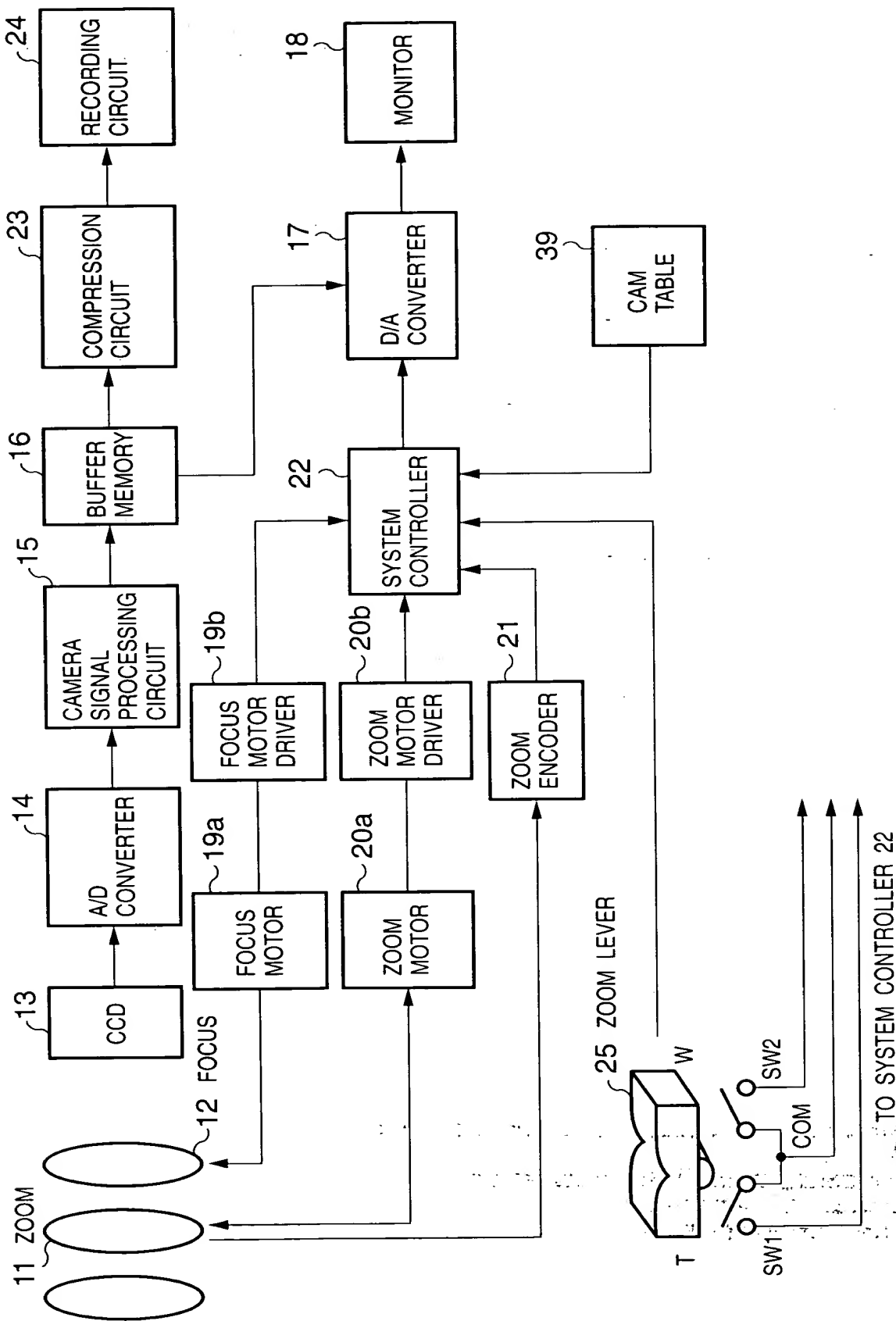


FIG. 33

